

Achieving a
DOTES-Integrated C4I System
by 2006



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13. ABSTRACT (Maximum 200 Words) This briefing on achieving DOTES-Integrated C4I System by 2006 was presented by the AC/S C4I, HQMC. It reviews the taskings, current actions, the implementation plan roadmap, challenges and issues.				
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AGENDA

1. Review of Tasking

2. Current Actions

3. The Implementation Plan Roadmap

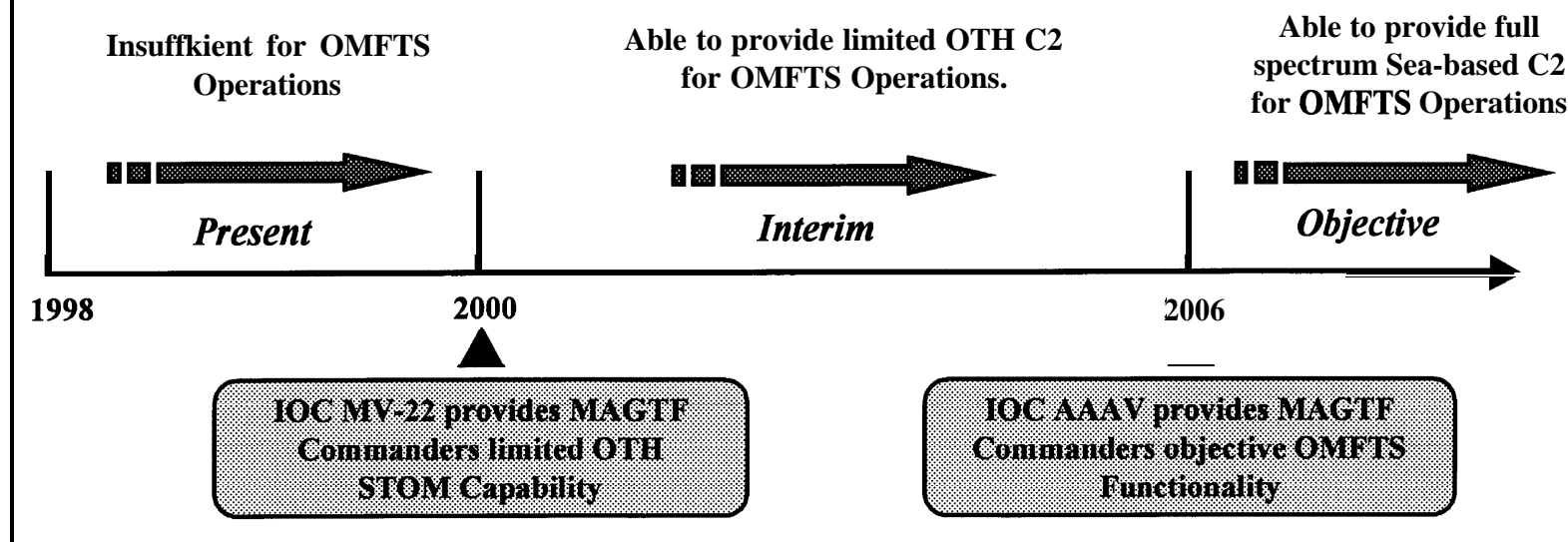
4. Challenges and Issues



CPG FRAG ORDER TASK

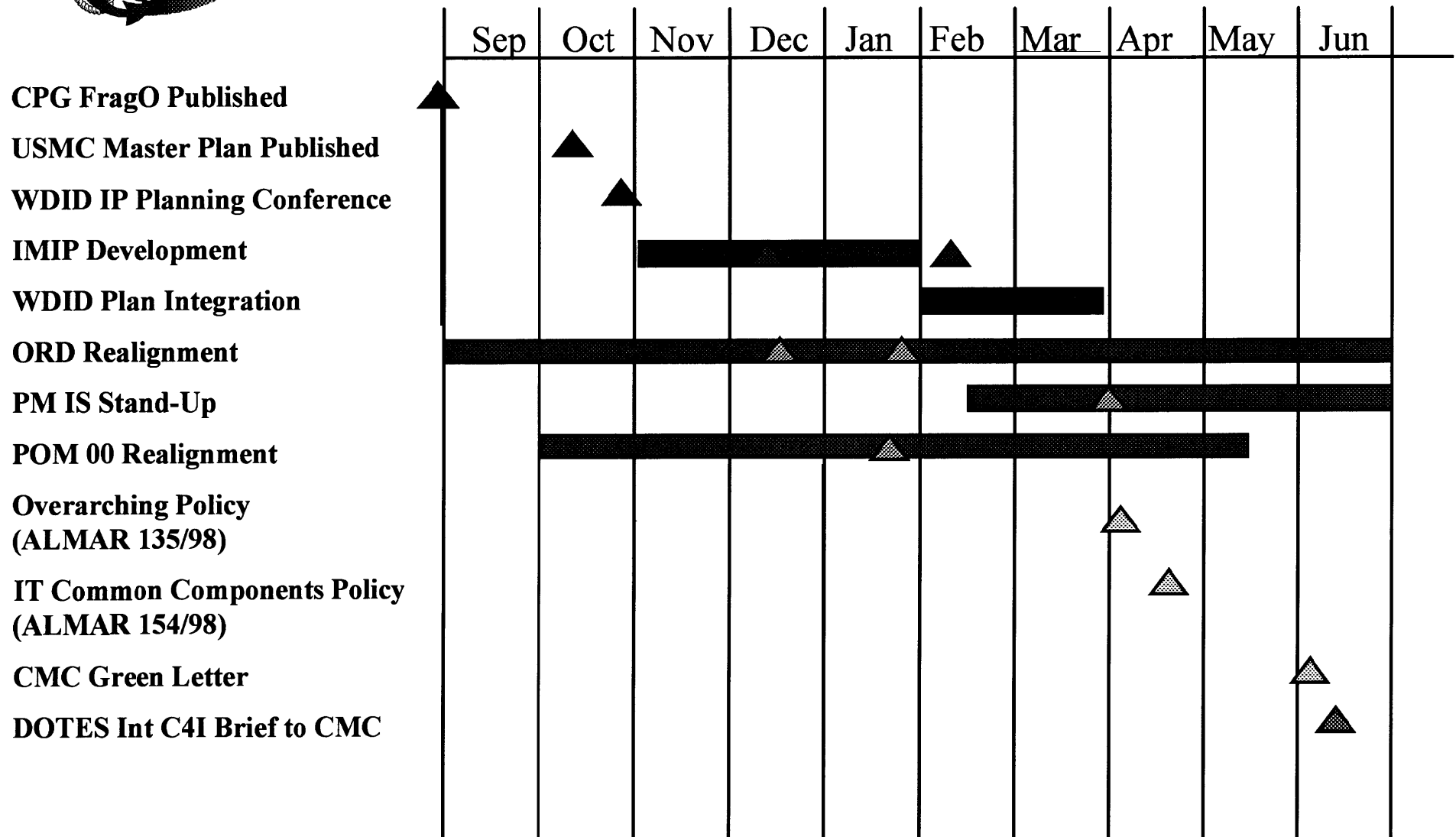
“Develop a plan to *improve upon*, coordinate, synchronize, and standardize our command and control efforts in order to achieve a completely DOTES integrated Marine Corps C4I system by 2006”.

Timelines for
OMFTS
Operational
Functionality





97 - 98





Instilling C4 Discipline

Providing Necessary Policies

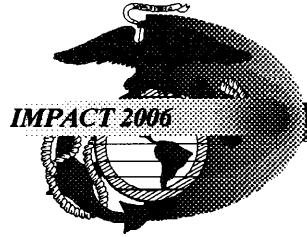
Overarching IT Policy (ALMAR 135/98)	C4I, HQMC	6 Apr 98
Common Configurations (ALMAR 154/98)	MCCDC	21 Apr 98
CMC Green Letter	C4I, HQMC	11 Jun 98
Accountability/Divestiture	I&L, C4I	Aug 98
Acquisition/Buyer's Guide	SYSCOM	Aug 98
Migration Policies	C4I, HQMC	Sep 98
Maintenance & Support	SYSCOM	Sep 98

Integrating IT Requirements

Establish T/O and T/Es for IT Infrastructure	MCCDC	May 99
Develop Architectural Products (TO-BE)	MCCDC	Aug 99
Realign ORDs to Support IT Infrastructure	MCCDC	Jan 00

Centralize Acquisition Management

Establish PM Information Systems	SYSCOM	1 Apr 98
Implement Buyer's Guide	SYSCOM	Aug 98
Centralized Procurement for Infrastructure Support	SYSCOM	Oct 99
Technology Refresh/Tiered User Concept	SYSCOM	Oct 99



Instilling C4 Discipline (cont)

Establish Controls for Accountability

Provide Guidance to Central Procurement Offices	Acquisition Policy	Aug 98
Implement IT Asset Tracking/Divestiture Procedures	Accountability Policy	Aug 98
IG/FSMAO Inspections	HQMC	Oct 98
Implement Network Tools for Asset Tracking	SYSCOM	Oct 01

Adjust Resource Allocation in POM

- POM 00 - Adjusted for Centralized Buy of Key Elements of Infrastructure
- POM 02 and Beyond - All General Purpose IT Infrastructure In-Core



A DOTES INTEGRATED C4I SYSTEM BY 2006

Will require the development of a DISCIPLINED FRAMEWORK

➡ A Plan for a “System of Systems”

INCL UDES: Experimentation, Hardware, Software, Doctrine, Structure, Processes, Training, Policies, and Procedures

➡ A Plan That Seeks to *Improve Upon* the Existing DOTES Foundation and Work Within the CDS

- Integrates information and jointness into the DOTES equation.
- Improves Coordination, Synchronization and Standardization of the CDS’ Information Management (IM) Process -- One of the 8 Major Processes of the CDS.

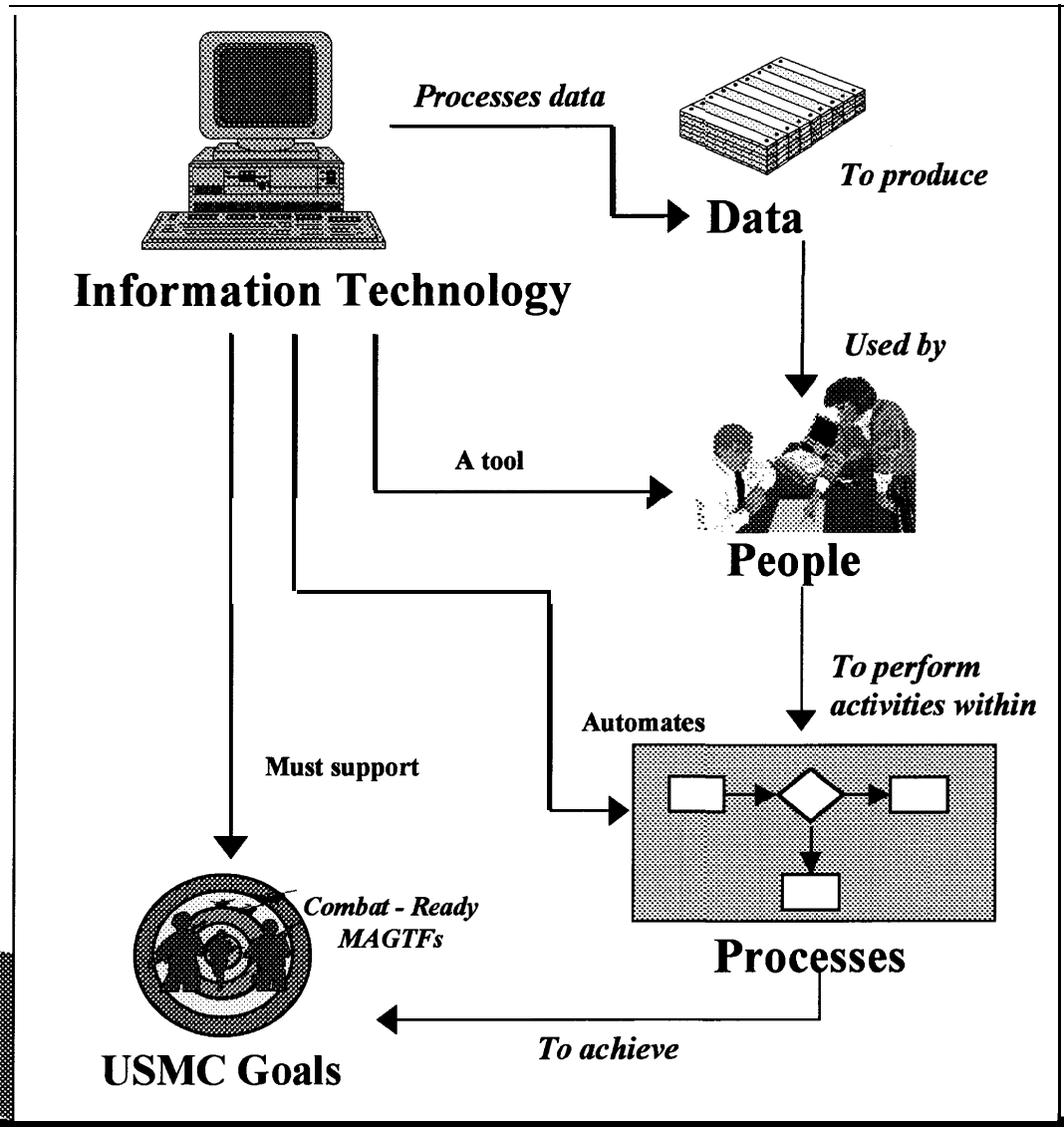
**Key Underlying
Concept**

THE INFORMATION MANAGEMENT PROCESS

The “Information Management Process” is concerned with

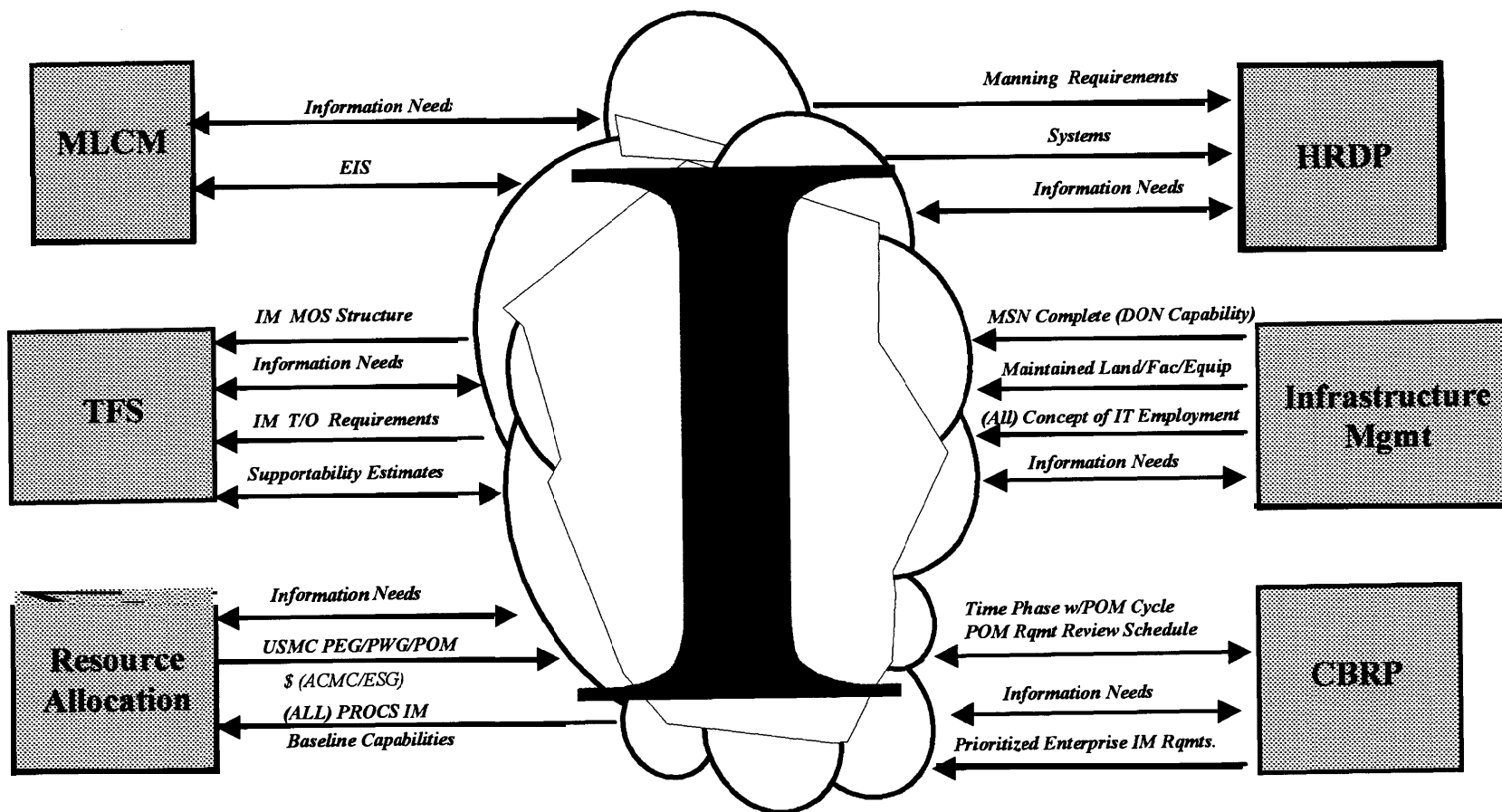
- * Information Technology
- * Data
- * People
- * Processes

and how they interact together to support ***COMBAT-READY MAGTFs***.



**Key Underlying
Concept**

NOTIONAL LINKAGE TO OTHER PROCESSES



Where

**IM
Vision
OMFTS**

The Marine Corps must be able to reach and execute effective decisions faster than our adversaries, in any conflict, on any scale.

CPG Frag Order

Vision:

An adaptive, knowledge based organization that generates, uses, and shares the knowledge required to achieve information dominance and successfully employ the warfighting concept of OMFTS by the year 2006.

Source: IMIP

Characteristics:

- Secure and rapid access to reliable and relevant information at any time, in any place
- Rapid and innovative response to new information requirements & challenges
- Skilled people & flexible work processes
- Rigorously maintained warehouse of information
- Solid and robust technical infrastructure
- Built on Joint doctrine and programs

Way

Coordinate,
Synchronize,
Standardize
Plan and Execute

*Develop a plan to improve upon,
coordinate, synchronize, and standardize
our command and control efforts.*

CPG Frag Order

Marine Corps
Master Plan

MARFORs
SYSCOM
MCCDC
HQMC
C4I

CPG Frag Order

37
ROCs

4 ROCS:

- #7 Robust Infrastructure
- #8 OTH Communications
- #9 UOCs for Situational Awareness
- #11 Joint Combat ID Systems

The
Information
Management
Implementation
Plan

Executive Summary

Mission, Organization, Process

Strategic Direction

Implementing Actions

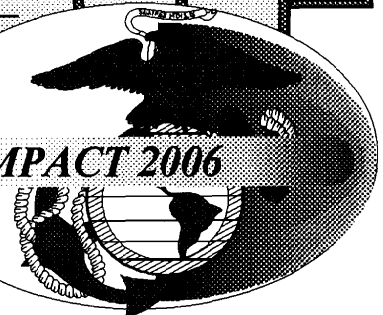
Divestiture Strategy

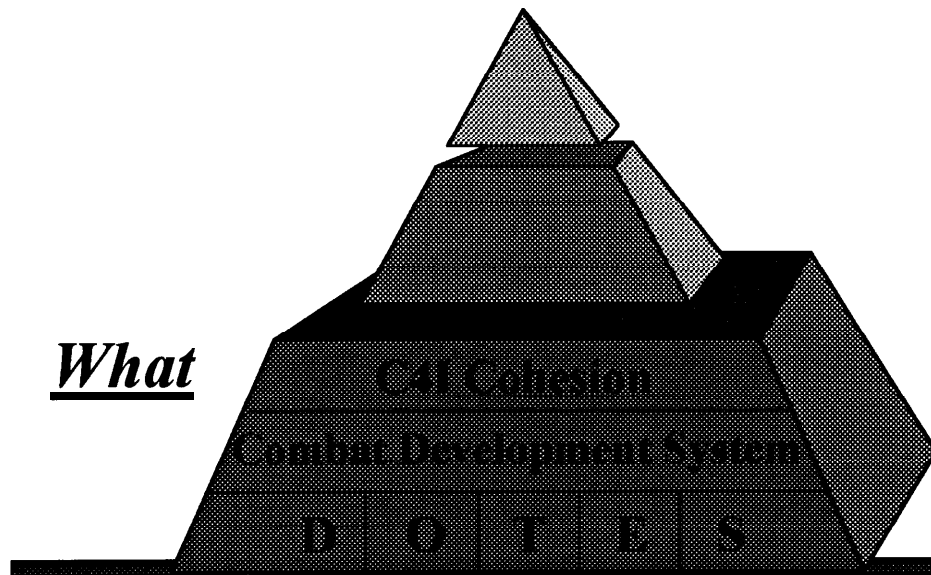
POA&M

Appendices

+ Execution

IMPACT 2006

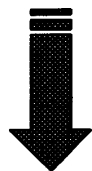




We need a higher degree of C4I cohesion to field an OMFTS force.

CPG Frag Order

The “Old”
Way

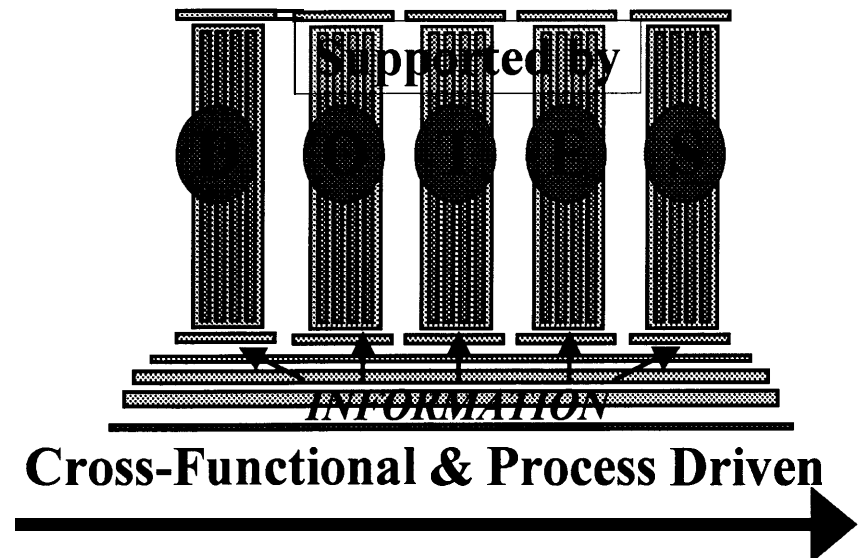


“E” Driven
and
Stovepiped

The
“IMPROVED”
Way



Concept Driven
(Capstone is *OMFTS*)



How

High Quality Call Systems

Information People Technology

The “Process” Focus

Process



Continuously Improve the Information Management Process.



Implement the IM Process.



Accept Process Management as a Way of Life.

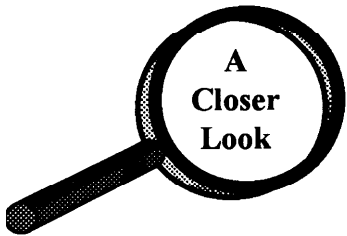
How

Strategies & Actions

Processes

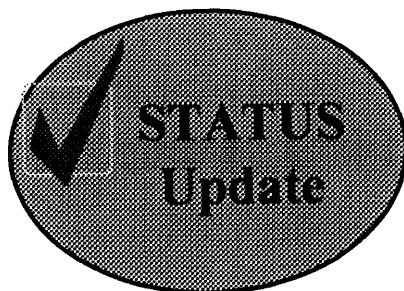
Creating OMFTS Capabilities

Some Key Actions:



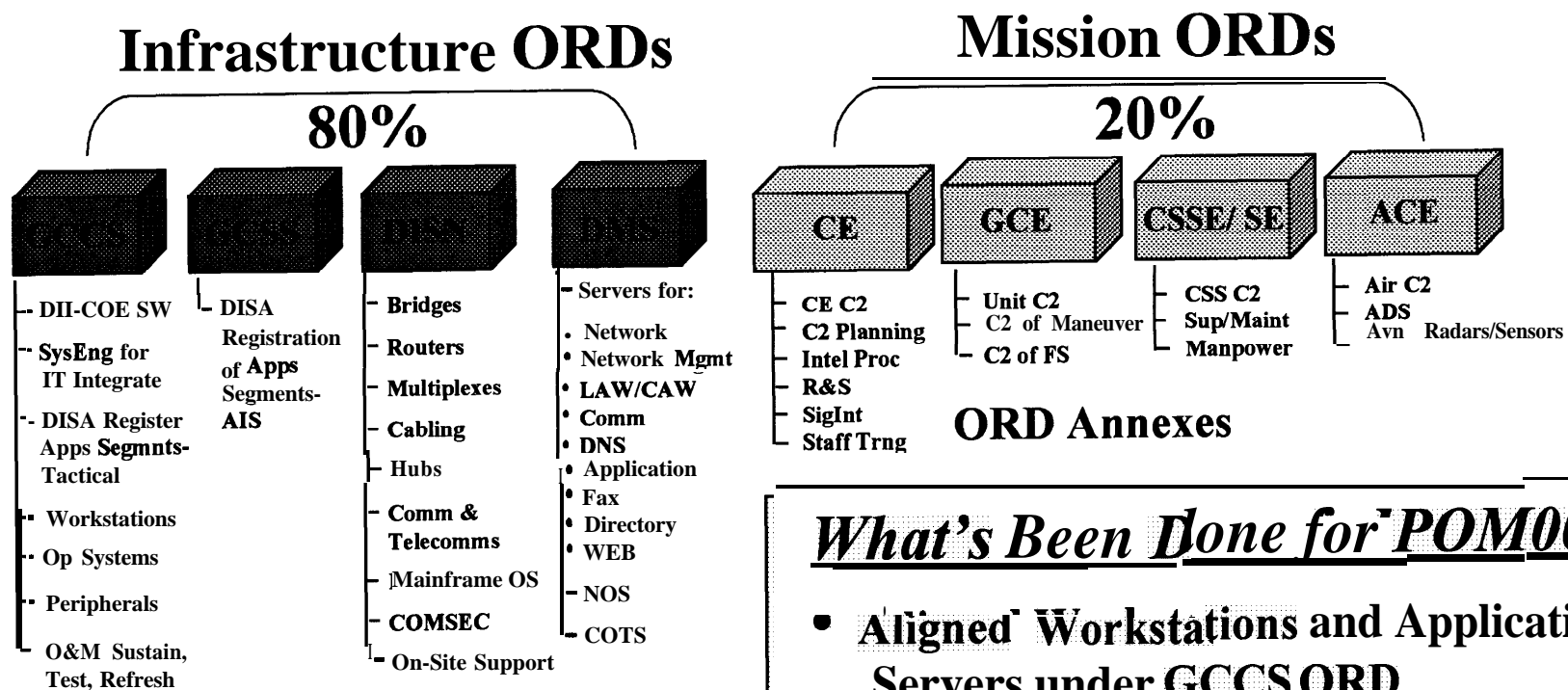
- ✓ Implement and Sustain the Information Management Process.
 - Establish and Sustain a Permanent IM Process Management Team.
- ✓ Complete the Consolidation of IT Acquisitions at MARCORSYSCOM.
 - Sustain Collaborative Board to Select and Monitor IT Investments.
- ✓ Institutionalize the C4I Requirements & Acquisition Strategy.
- ✓ Develop Supporting IM Policies.

✓ Is a Current, Active Initiative



Unified MAGTF C4I

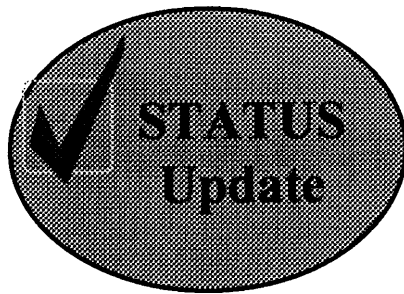
A Structure of ORDs and Annexes



ORD Annexes

What's Been Done for POM00:

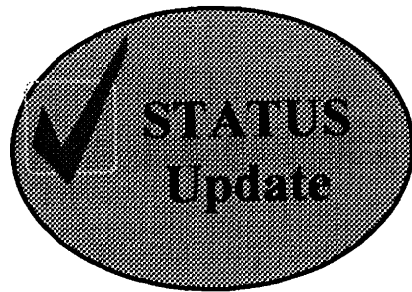
- Aligned Workstations and Application Servers under GCCS ORD
- Aligned Comm Servers under DISN ORD



Unified MAGTF C4I

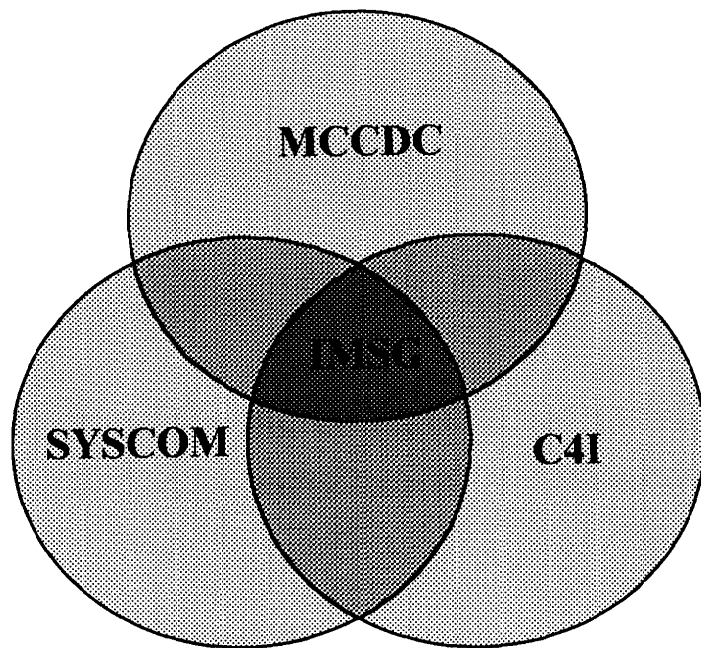
Policies and Guidance

- ☒ **Overarching Direction - ALMAR 135/98**
- ☒ **Standard Configuration - ALMAR 154/98**
- ☒ **Green Letter - 11 Jun 98**
 - **Acquisition ALMAR (Aug 98)**
 - **Accountability ALMAR (Aug 98)**
 - **Buyers Guide ALMAR (Aug 98)**
 - **Maintenance & Support ALMAR (Sep 98)**
 - **Migration ALMARs (Sep 98)**



Unified MAGTF C4I

Organizational Realignment

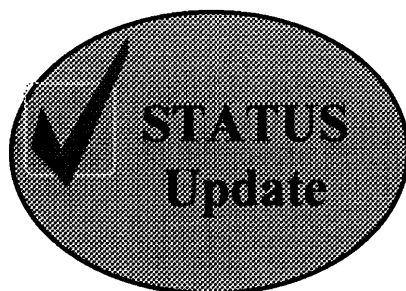


Who's in Charge?

AC/S, C4I

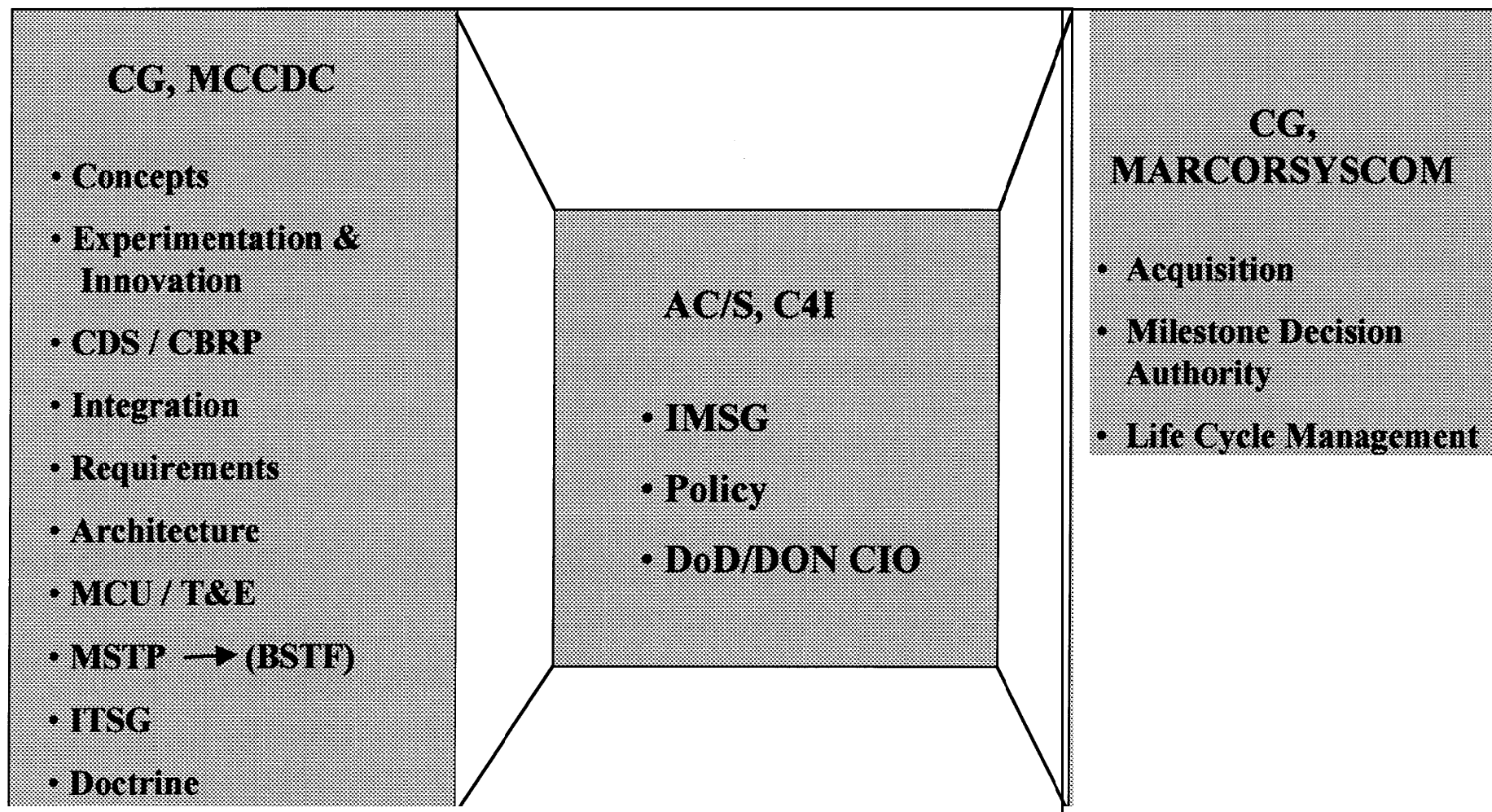
What's Being Done:

1. Tactical and Non-Tactical Requirements Consolidating at MCCDC
2. IT Acquisition Consolidated at MARCORSYSCOM
3. Continue Clarifying Roles & Responsibilities



Who's in Charge?

AC/S, C4I



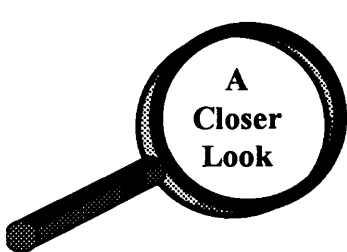
How

Strategies & Actions

Information

Creating OMFTS Capabilities

Some Key Actions:



Develop and Maintain a Data Model for Existing Systems and the Enterprise.

- **Acquire Standard Data Tools for Building Models, Repositories, Dictionaries.**
- **Develop the Enterprise-wide Data Architecture.**



Define and Standup the Organization to Support a Data Infrastructure.

- **Develop and Implement an Information Assurance Program.**
- **Develop and Implement a Data Warehouse.**
- **Establish a Central Data Repository.**



Is a Current, Active Initiative

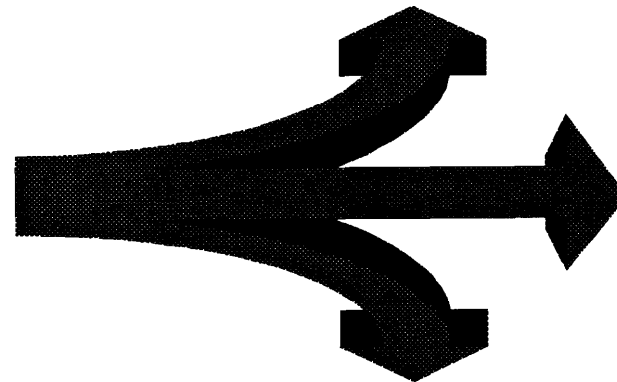
How

Method Center GIS
Processes Information People

The “Technology” Focus

Technology)/

3 Major
Underlying
Themes

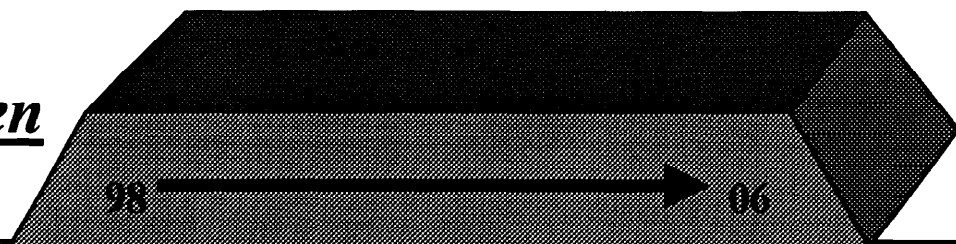


Architecture & Standards

Asset Management

Industry Partnerships

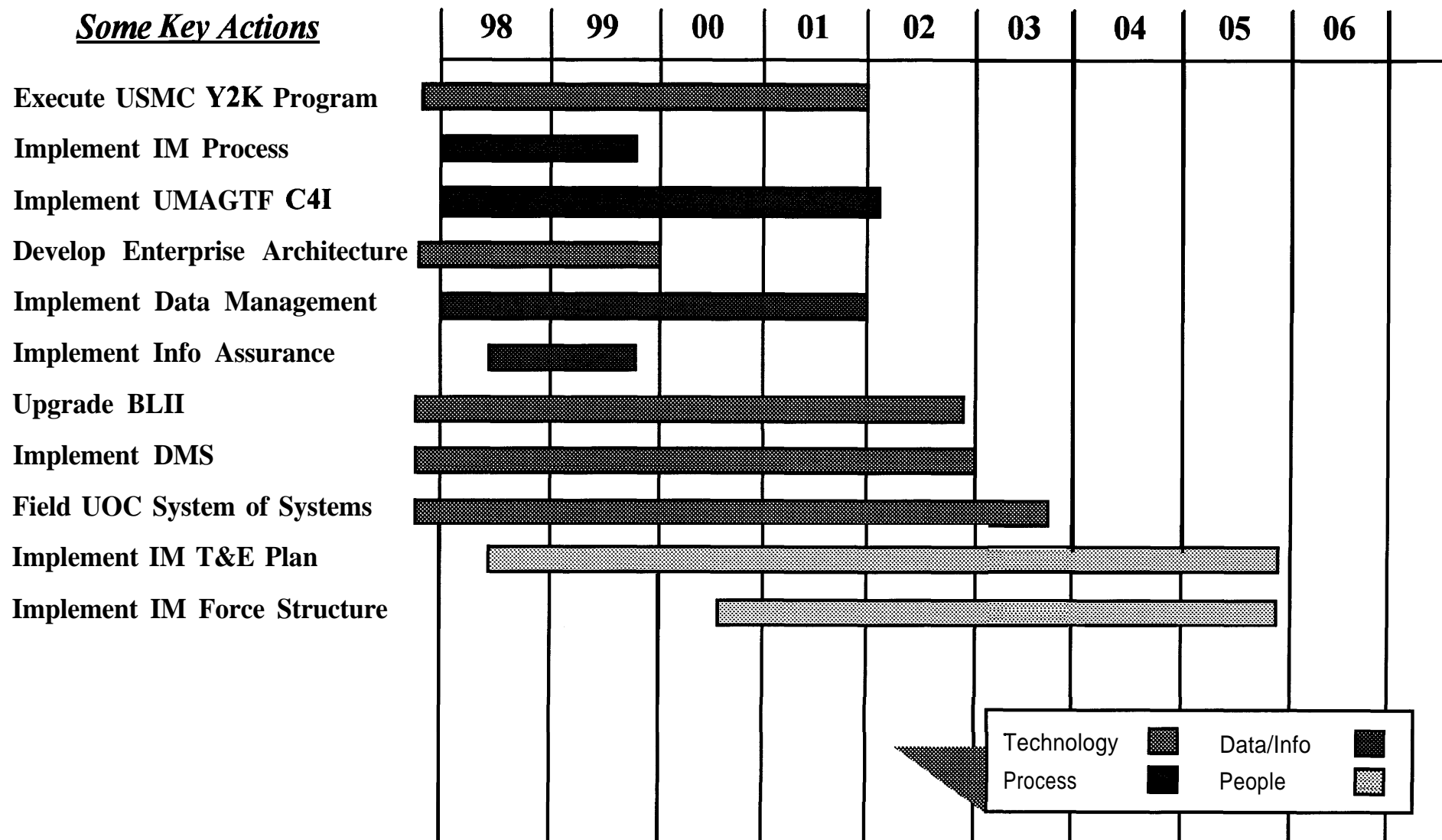
When



...Achieve a completely DOTES integrated Marine Corps C4I system by 2006.

CPG Frag Order

Some Key Actions



A DOTES INTEGRATED C4I SYSTEM BY 2006

CHALLENGES & ISSUES

Maturity of the CDS and the Supporting IM Process

- Instilling CDS and IM Discipline Corps-wide
- Staying the Course -- Encouraging Innovations
- Resource Realignment -- *\$\$ and People*
- External Factors
- Cross-Functional Integration at the Enterprise Level
- IM Performance Management
- Execution that is Process-Driven



SUMMARY

- ✓ **Leadership is in Place:**
 - CIO in Charge
 - IMSG/ITSG

- ✓ **Management Tool:**
 - IM Implementation Plan

- ✓ **Enforcement Controls:**
 - ALMARs
 - CMC Green Letter